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BI-MONTHLY PROGRESS REPORT NO. 3

TO: Mr. Barry S. Drucker, Physical Scientist, Contracting Officer's Technical Representative (COTR), U. S. Department of Interior Minerals Management Service (MMS), Sand and Gravel Program, 381 Elden St., Mail Stop 4010, Herndon, VA 20170-4817

CC: via email - Kim Zarillo, Contract Manager, S.E.A.

FROM: Dr. Jeff Reidenauer, Technical Program Manager, The Louis Berger Group, Inc.
30A Vreeland Road, Florham Park, NJ 07932

DATE: March 6, 2006

SUBJECT: Bi-Monthly Progress Report No. 3 for Contract No. 1435-01-05-CT-39075
Biological Characterization/Numerical Wave Model Analysis within Identified Borrow Sites
Offshore the Northeast Coast of Florida

1. Summary of Work Accomplished and Progress Status of Project Items and Tasks

The contract award date was August 15, 2005. This report covers the period from December 29, 2005 to February 28, 2006.

- **Item 3 (Task 3): Program development to address biological and physical issues associated with the use of potential sand borrow areas offshore of the northeast coast of Florida** – A report of the fall field event for fish, mammals, sea birds, and sediment analysis will be completed in March. Data analysis of the benthic samples from the fall field event continues. Approximately 60% of the benthic samples have been sorted to major group (i.e., polychaetes, crustaceans, mollusks, and other/miscellaneous). Model grids for all study areas are complete and will be submitted in March. Coordination has begun for the second field event which is scheduled for 6/1/06-6/9/06.

Deliverables from Tasks 4, 5, and 6 will be divided into two categories technical and non-technical:

- **Item 4 (Task 4): Preparation of the Draft and Final Technical Manuscript and Item 5 (Task 5): Draft and Final Technical Summaries** -- Drafts of various sections will be provided during Item 3 (Task 3) beginning March 2006. The complete draft is due April 2007.
- **Item 6 (Task 6): Submission of Draft and Final Non-Technical Summaries** -- Drafts of various sections will be provided during Item 3 (Task 3). Drafts of various sections will be provided throughout Item 3 (Task 3) beginning May 2006. The complete draft is due April 2007.

- **Item 7 (Task 7): Submission of Draft Scientific Paper and Paper to Refereed Journal** -- A draft scientific paper is due November 2007.
- **Item 8 (Task 8): Presentation at MMS Information Transfer Meeting or Other Scientific, or Technical Conferences, or Meetings** -- An ITM conference is planned for June 2006 in Melbourne, Florida. One is also planned for 2008.
- **Item 9 (Task 9): Bi-Monthly Progress Reports** -- This is Progress Report 3 of 16 to be completed over the 32 month contract.
- **Item 10 (Task 10): Presentation Slide Sets** -- A draft slide set is due July 2007.
- **Item 11 (Task 11): Spatial Data Files** -- Data files are due October 2007.
- **Item 12: Program Management and Control Requirements** -- The Technical Program Manager and/or Contract Manager maintains ongoing communication with the COTR and PIs. The Contract Manager is tracking costs and keeping within budget.
- **Item 13: Data Management** -- The Contract Manager coordinated with PIs to complete a draft and final data management plan. The Data Management Plan for MMS Biological Characterization/Numerical Wave Model Analysis within Identified Borrow Sites Offshore the Northeast Coast of Florida Contract No. 1435-01-05-CT-39075 was completed in October 2005. The Contract Manager and TPM are coordinating ongoing data transfer.

2. Significant Problems Encountered

No significant problems have been encountered to date.

3. Summary and Interpretation of Technical Findings

None at this time

4. Summary of Significant Meetings

None at this time

5. Summary of Scheduled Work for the Next Two Months

Work will proceed on **Item 3 (Task 3)**. A report is in progress of data analyses from samples collected during the first field. Sorting of benthic samples is in progress. Model input files and runs are being prepared for two of the five sites.

6. Summary of MMS Questions and Resolution

None at this time.